CLAIMS

1.　　　　A memory card which data can be written to and read from by a data processor, comprising:

5　　　　　a host interface that transmits and receives a command and data to and from the data processor;

a nonvolatile memory that stores data;

a controller that controls the operation of the memory card; and

10　　　　a storage section that stores specified management information,

wherein the management information includes retry setting information which specifies whether a retry function is executed or not when an error occurs during an operation of writing

15　data to the nonvolatile memory, and

the controller refers to the retry setting information in the data writing operation, and controls the data writing operation so as to disable the retry function in the event of an error in the data writing operation, when the retry setting

20　information indicates disabling of the retry function or to enable the retry function in the event of an error in the data writing operation, when the retry setting information indicates enabling of the retry function.

25　2.　　　　The memory card according to claim 1, wherein the management information includes characteristic information specific to the memory card, and the controller transmits the characteristic information to the data processor according to the request from the data processor.

30

3.　　　　The memory card according to claim 2, wherein the

characteristic information includes information regarding
maximum required time for data writing to the memory card.

4.   The memory card according to claim 2, wherein the
5   characteristic information includes information regarding a
frequency of the retry process occurring in the memory card.

5.   A data processor accessing a memory card which data
can be written to and read from, the memory card storing management
10 information   including   retry   setting   information   and
characteristic information specific to the memory card, the retry
setting information specifying whether a retry function is to
be executed or not when an error occurs during a data writing
operation, the data processor comprising:
15   a card interface that transmits and receives a command
and data to and from the memory card; and
          a controller that controls the operation of the data
processor,
          wherein the controller reads the characteristic
20 information from the memory card when the memory card is inserted
in the data processor or when the data processor is turned on,
judges whether a retry function in the memory card is to be executed
or not based on the read characteristic information, and transmits
a command for setting the retry setting information to the memory
25 card through the card interface according to the judging result.

6.   A control method of a memory card which data can be
written to and read from, the memory card storing management
information   including   retry   setting   information   and
30 characteristic information specific to the memory card, the retry
setting information specifying whether a retry function is to

be executed or not when an error occurs during a data writing
operation, the control method comprising:

     referring to the retry setting information in the
data writing operation; and

5   disabling the retry function not to operate in the
event of an error in the data writing operation, when the retry
setting information indicates disabling of the retry function,
or

     enabling the retry function in the event of an error
10   in the data writing operation, when the retry setting information
indicates enabling of the retry function.

7.   A setting method of a memory card which data can be
written to and read from, the memory card storing management
15   information   including   retry   setting   information   and
characteristic information specific to the memory card, the retry
setting information specifying whether a retry function is to
be executed or not when an error occurs during a data writing
operation, the setting method comprising:

20   reading the characteristic information from the
memory card;

     judging whether a retry process in the memory card
is to be executed or not based on the read characteristic
information; and

25   transmitting a command for setting the retry setting
information to the memory card through the card interface according
to the judging result.